

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: : Anthony ROBERTS et al.  
U.S. Serial No. : Filed Concurrently Herewith  
Title of Invention : IMPROVEMENTS TO THE RESPONSE OF  
NEGATIVE-TYPE LIQUID CRYSTALS BY THE  
ADDITION OF DOPANTS

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Date of Deposit: October 21, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: **Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Charles Jackson  
(Typed or printed name of person mailing paper or fee)

Charles Jackson  
(Signature of person mailing paper or fee)

**PRELIMINARY AMENDMENT**

**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Sir:

Before the issuance of the first Office Action, please amend the above-identified application as follows: